



NHDES LAND RESOURCES MANAGEMENT PROGRAM FIELD INSPECTION REPORT

- **INSPECTION DATE:** 5/13/20
- **FILE #:** (DES) 2015-02783; SEC# 2015-02
- **OWNER/APPLICANT NAME:** Antrim Wind Energy
- **SITE LOCATION:** Route 9, Antrim NH
- **NHDES INSPECTION PERSONNEL:** Jeff Blecharczyk
- **OTHER PARTIES IN ATTENDANCE:** Pamela Monroe (SEC); Ethan Mollasalehi (Trans Alta); Sean Milligan (Sargent); Tom Daniels (TRC)
- **INSPECTION TYPE:** Compliance Permitting Initial Follow Up Restoration Plan Monitoring
- **IMPACTED RESOURCE:** Protected Shoreland Lake/Pond River/Stream Upland Wetland
- **POSTED PERMITS:** AOT Shoreland Subsurface Wetlands None
- **ATTACHMENTS:** Color Photographs Aerial Photographs Site Sketch Other
- **WEATHER CONDITIONS:** partly sunny

PURPOSE: The purpose of the site inspection was to document final stabilization.

BACKGROUND:

1. SEC approved project on 12/14/16 with conditions provided by DES to construct roadway/crane path and pad sites for 9 wind turbines and substation.
2. DES inspection on 7/26/19 documented several items to be addressed. Continue with final stabilization, continue to monitor for erosion and sediment transport; assess and clean up possible unpermitted impacts to wetlands.
3. On 12/05/19 DES issued a notice stating requested items had been and are being addressed was requested. Follow-up inspection possible in spring of 2020.
4. As of Spring 2020, visitors to the facility are required to fill out a Covid-19 site access check list.

NOTES / OBSERVATIONS:

1. Need additional hydro seeding around several of the pad sites, and along several sections of the crane path. Ground cover was not at 85% coverage per AoT requirements.
2. No evidence of sediment transport into waterways or wetlands was observed.

3. Recommended use of additional silt socks along steeper sections of the crane path and upgrading and maintaining water bars to break up runoff until the site is 85% vegetated at a minimum.
4. Sections of the crane path should be over sprayed with hydro-seed to reduce the path width and minimize any potential for erosion and sediment transport.
5. While there is a presence of iron oxide near wetland AN 41, this is not considered an issue and will dissipate over time with continued establishment of vegetative growth around pad #9.
6. The grade of the stream channel at the inlet of culvert SD-26 has been adjusted to alleviate the previously noted perched condition.
7. Hydrology through culvert SD-4 at sta. 18+75 approx. was clear, no evidence of scour or erosion was noted. The twin by-pass culverts at sta. 18+50 approx., were dry. No evidence of washout.
8. Temporary impacts associated with pole upgrades in wetland AN-31 are re-establishing with wetland vegetation. No evidence of scour or erosion.

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PHOTOGRAPHS:





















